

In the claims:

For the Examiner's convenience, all pending claims are presented below with changes shown. Please cancel claim 15 without prejudice.

1. (Currently Amended) A handheld computing device comprising:
a housing;
a display mounted on the housing; and
an antenna located on a top glass layer of the display.
2. (Original) The device of claim 1 wherein the antenna is etched on the display.
3. (Original) The device of claim 1 wherein the antenna is sputter etched on the display.
4. (Cancelled) The device of claim 1 wherein the antenna is embedded under the display.
5. (Original) The device of claim 1 further comprising an amplification circuit coupled to the antenna.
6. (Original) The device of claim 5 wherein the amplification circuit is mounted on the display.
7. (Original) The device of claim 6 wherein the amplification circuit is mounted on the display using chip on glass technology.
8. (Original) The device of claim 1 wherein the antenna is a center-fed dipole antenna.
9. (Original) The device of claim 1 wherein the antenna is an end-fed dipole antenna.

10. (Original) The device of claim 1 wherein the handheld computing device is a personal computer (PC) tablet.

11. (Original) The device of claim 1 wherein the handheld computing device is a personal digital assistant (PDA).

12. (Currently Amended) A method comprising, mounting an antenna on a top glass layer of a display of a computing apparatus.

13. (Original) The method of claim 12 wherein mounting the antenna further comprises etching the antenna on the display.

14. (Cancelled)

15. (Cancelled)

16. (Original) The method of claim 1 further comprising coupling an amplification circuit to the antenna.

17. (Original) The method of claim 16 wherein coupling the amplification circuit to the antenna further comprises mounting the amplification circuit on the display.

18. (Original) The method of claim 17 wherein the amplification circuit is mounted on the display using chip on glass technology.

19. (Original) The method of claim 12 wherein the computing apparatus is a personal computer (PC) tablet.

20. (Original) The method of claim 12 wherein the computing apparatus is a personal digital assistant (PDA).

21. (Currently Amended) A handheld computing device comprising:

a display;
a radio frequency (RF) transceiver mounted on the display; and
an antenna, coupled to the RF transceiver, mounted on a top glass layer of the display.

22. (Original) The device of claim 21 further comprising a network controller coupled to the RF transceiver.

23. (Original) The device of claim 22 wherein the network controller further comprises:

media access layer (MAC) digital signal processor (DSP); and
a baseband DSP coupled to the MAC DSP.

24. (Currently Amended) The device of claim 23 wherein the baseband DSP comprises:

a baseband state machine;
a coding element coupled to the baseband state machine; and
a modulation element coupled to the coding element.

25. (Original) The device of claim 24 wherein the baseband DSP further comprises:

a digital to analog converter (DAC) DSP coupled to the baseband DSP; and
an analog to digital converter (ADC) DSP coupled to the baseband DSP.

26. (Original) The device of claim 21 wherein the handheld computing device is a personal computer (PC) tablet.

27. (Original) The device of claim 21 wherein the handheld computing device is a personal digital assistant (PDA).